

Outgoing
0150032
OK

Page 1 of 1

OGMCOAL - 0150032 East Mountain Inspection Reports

From: Priscilla Burton
To: Jay Marshall; OGMCOAL
Date: 9/7/2012 2:50 PM
Subject: 0150032 East Mountain Inspection Reports
Attachments: 0150032 Insp Rpt 3224 08312012.pdf; 0150032 Insp Rpt 3102 8242012.pdf; 0150032 Insp Rpt 2905 10312011.pdf; 015032 Insp Rpt 2842 7212011.pdf; 0150032 Insp Rpt 2883 9292011.pdf

Hello Jay,

I've attached inspection reports for my site visits on 8/21/2012 and 8/31/2012. I am very impressed with the work of the SCAMP Excavation Crew. They have gotten a lot accomplished under difficult working conditions of at high altitude, long hiking/hauling distances, and after frequent rains, treacherous driving conditions.

I am also sending the inspection reports from the three site visits I made last year (#2842, #2883 and #2905), describing the first inspection of the slide area and installation of excelsior logs on the head cut and reclamation progress on the road.

Priscilla

Priscilla Burton

Priscilla Burton, CPSSc
Sr. Environmental Scientist
Utah Division of Oil Gas & Mining
319 No. Carbonville Rd, Ste.210
Price UT 84501
(435) 613-3733



GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, August 28, 2012
Start Date/Time:	8/28/2012
End Date/Time:	8/31/2012
Last Inspection:	Friday, August 24, 2012

Inspector: Priscilla Burton

Weather: cloudy, rain

InspectionID Report Number: 3224

Accepted by: jhelfric

9/6/2012

Representatives Present During the Inspection:

OGM	Priscilla Burton
Company	Jay Marshall
Other	Jerry Cripps

Permitee: **GENWAL RESOURCES INC**

Operator: **GENWAL RESOURCES INC**

Site: **CRANDALL CANYON MINE**

Address: **PO BOX 910, EAST CARBON UT 84520-0910**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

6,235.80	Total Permitted
27.15	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☐ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Met at the site at the beginning of the week with Jay Marshall (UEI) and Jerry Cripps (Scamp Excavation) to layout placement of excelsior logs and get crews started. Met Jerry Cripps at the site at the end of the week (Friday) to observe progress of crews on the installation of the logs. Crews had hauled 29 excelsior logs down to the slide area and installed them in 9 rows. Three more logs will be hauled down to the site to complete the rows next week. See photos in the image folder dated 8/31/2012.

Inspector's Signature:

Priscilla Burton

Priscilla Burton,

Inspector ID Number: 37

Date

Friday, August 31, 2012



Permit Number: C0150032
 Inspection Type: PARTIAL
 Inspection Date: Tuesday, August 28, 2012

Inspection Continuation Sheet

Page 2 of 3

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
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3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

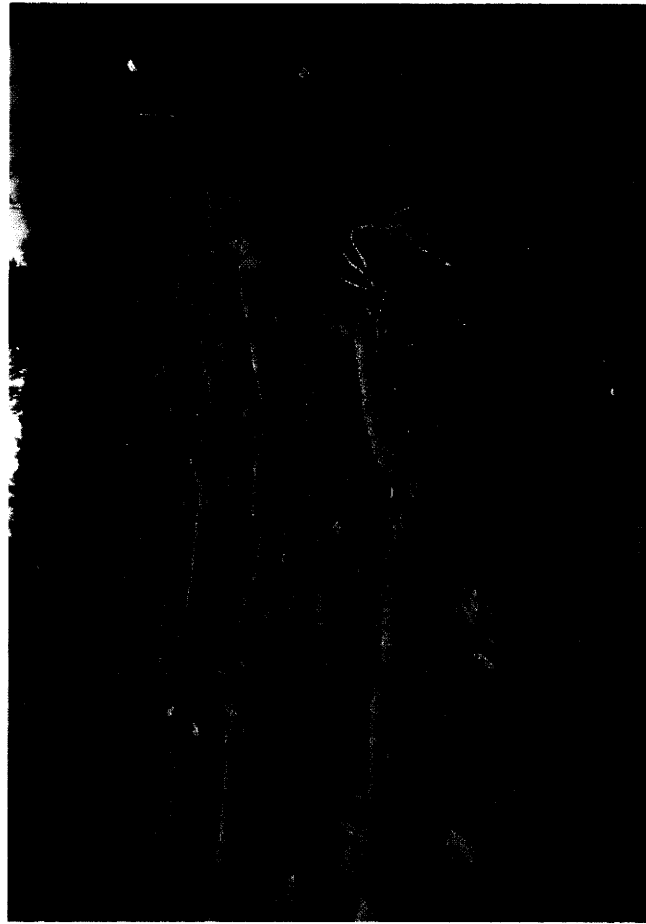
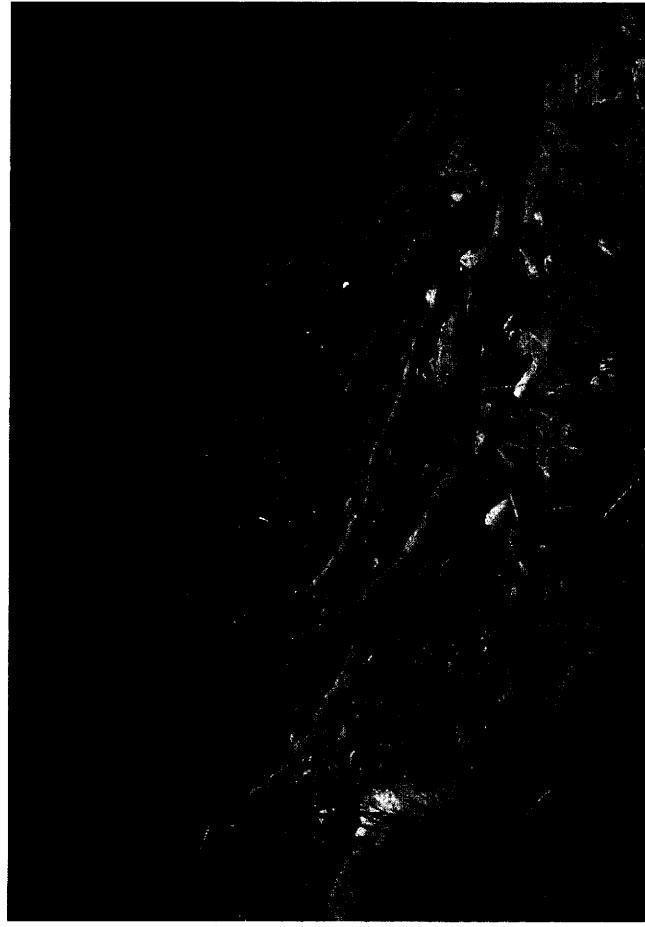
Permit Number: C0150032
Inspection Type: PARTIAL
Inspection Date: Tuesday, August 28, 2012

Inspection Continuation Sheet

Page 3 of 3

10. Slides and Other Damage

Crews had hauled in 29, ten foot excelsior logs to the slide location, a distance of approximately 3/4 mile from the East Mountain saddle. A game trail provided the easiest access for the foot traffic. The logs were set in 9 rows approximately 15 feet apart on the contour. Some, but not all of the logs were staked. The remaining logs will be staked next week. Work will resume on Tuesday after the Labor Day holiday. We discussed seeding rates and the seed mix and the remainder of the work to be done.





GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	TECHNICAL
Inspection Date:	Friday, August 24, 2012
Start Date/Time:	8/24/2012 9:30:00 AM
End Date/Time:	8/24/2012 3:00:00 PM
Last Inspection:	Tuesday, August 21, 2012

Representatives Present During the Inspection:

OGM Priscilla Burton

Inspector: Priscilla Burton

Weather: sun 60

InspectionID Report Number: 3210

Accepted by: jhelfric

9/6/2012

Permitee: **GENWAL RESOURCES INC**

Operator: **GENWAL RESOURCES INC**

Site: **CRANDALL CANYON MINE**

Address: **PO BOX 910, EAST CARBON UT 84520-0910**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

6,235.80	Total Permitted
27.15	Total Disturbed
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Mineral Ownership

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☐ State
☐ County
☐ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Flagged the game trail that will be improved to be the connecting link for USFS trail 085 on East Mountain.

Inspector's Signature:

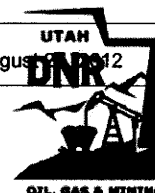
Priscilla Burton

Priscilla Burton,

Inspector ID Number: 37

Date

Monday, August 27, 2012



Permit Number: C0150032
 Inspection Type: TECHNICAL
 Inspection Date: Friday, August 24, 2012

Inspection Continuation Sheet

Page 2 of 3

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

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	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Permit Number: C0150032
Inspection Type: TECHNICAL
Inspection Date: Friday, August 24, 2012

Inspection Continuation Sheet

Page 3 of 3

17. Other Transportation Facilities

Flagged a trail across the west side of East Mountain to be improved for foot and horse traffic. Crews will need a chain saw to cleared a few downed logs; a hand saw or clippers to remove low hanging pine branches, and shovels to define the trail in a couple of locations. I asked Kyle Beagley if he and Bill Broadbear would walk the flagged trail and make modifications where they see fit, this week, before the reclamation crew arrives at the site.



GARY R. HERBERT
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GREG BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	PARTIAL
Inspection Date:	Thursday, October 20, 2011
Start Date/Time:	10/20/2011 10:00:00 AM
End Date/Time:	10/31/2011 2:00:00 PM
Last Inspection:	Tuesday, October 11, 2011

Inspector: Priscilla Burton

Weather: sunshine turning to overcast and snow flurries

InspectionID Report Number: 2905

Accepted by: jhelfric

11/1/2011

Permitee: **GENWAL RESOURCES INC**

Operator: **GENWAL RESOURCES INC**

Site: **CRANDALL CANYON MINE**

Address: **PO BOX 910, EAST CARBON UT 84520-0910**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

6,235.80	Total Permitted
27.15	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☐ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

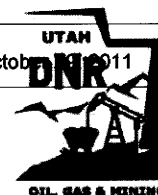
Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The site has dried out from previous rains and SCAMP returned to the site on October 20, 2011. By Tuesday October 25 the SITLA road was reclaimed to within 700 ft. of the USFS boundary. Wood straw had been spread to the point of the ridge, approximately 1,000 feet west. No seed has been spread yet. More laborers are needed to complete this job before the weather shuts it down. Refer to photos in the Images folder taken in October 2011.

Inspector's Signature:

Priscilla Burton,
Inspector ID Number: 37

Date Saturday, October 22, 2011



Permit Number: C0150032
 Inspection Type: PARTIAL
 Inspection Date: Thursday, October 20, 2011

Inspection Continuation Sheet

Page 2 of 3

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

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3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Permit Number: C0150032
Inspection Type: PARTIAL
Inspection Date: Thursday, October 20, 2011

Inspection Continuation Sheet

Page 3 of 3

4.c Hydrologic Balance: Other Sediment Control Measures

I recommended that the six remaining (new) excelsior logs be installed at the location of the former French drain along the SITLA road, because the reclaimed slope is steep in this location and it meets an equally steep undisturbed slope with no concave area or vegetation to slow flow.

12. Backfilling And Grading

Chase Webster, SCAMP hoe operator worked Oct 20 through Saturday Oct. 22 and Monday Oct 24. At midday on Tuesday, October 25, the SITLA road was reclaimed to approximately 700 ft from the USFS boundary.



GARY R. HERBERT
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GREG BELL
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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Inspection Report

Permit Number:	C0150032
Inspection Type:	TECHNICAL
Inspection Date:	Wednesday, August 17, 2011
Start Date/Time:	8/17/2011 9:30:00 AM
End Date/Time:	8/17/2011 3:30:00 PM
Last Inspection:	Thursday, July 21, 2011

Inspector: Priscilla Burton

Weather: sun 70F

InspectionID Report Number: 2842

Accepted by: jhelfric

9/14/2011

Permittee: **GENWAL RESOURCES INC**

Operator: **GENWAL RESOURCES INC**

Site: **CRANDALL CANYON MINE**

Address: **PO BOX 910, EAST CARBON UT 84520-0910**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

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Types of Operations

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☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Investigated a report of a slide in the reclaimed East Mountain area. Found a failure approximately 15 ft. X 30 ft. in the vicinity of the "oops" road shown on Figure 4 of Appendix 22A. The mass of saturated soil had slid to the bottom of the slope, a distance of approximately 150 ft., pushing topsoil to the side, creating berms on either side of the slide area.

Inspector's Signature:

Priscilla Burton,

Inspector ID Number: 37

Date Tuesday, August 17, 2011

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Permit Number: C0150032
 Inspection Type: TECHNICAL
 Inspection Date: Wednesday, August 17, 2011

Inspection Continuation Sheet

Page 2 of 3

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

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4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Slides and Other Damage

Photos of the area that slid at East Mountain are in the images folder dated 8/17/2011. The area was on the reclaimed "oops" road, not part of the pads that were reclaimed, but just below pad 6 (see Figure 4, App. 22A). The area of failure left a cut approximately 15 ft. high and 30 ft. wide. The supersaturated soil slid over the hill, pushing topsoil to the side and leaving a trail that is approximately 150 ft. long on a very steep (28%) slope. The saturated soil slid over native ground and vegetation can be seen growing in the center of the slide area and in the topsoil "berms" that were pushed to the side.

I recommend stabilizing the area with rake and seed. Installation of excelsior logs may be helpful, but would be difficult to bring to the site. (In another location, photographs attached below, the excelsior logs did maintain the slope against a slide and prevented wholesale failure.) I do not recommend bringing in equipment to repair the damage, as this would disturb more ground to gain access.

Permit Number: C0150032
 Inspection Type: PARTIAL
 Inspection Date: Tuesday, September 20, 2011

Inspection Continuation Sheet

Page 2 of 4

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

MRP Appendix 5-22A is the reclamation plan for the East Mountain Emergency Drill Pads and Access Roads. Reclamation of the remaining area SITLA road is described in item 3 on pg. 10 and reclamation of the remaining USFS road is described in item 4 on pg. 13. According to Attachment #2, the SITLA segment is 4,959 ft. long and the USFS segment is 2,573 ft. long. Attachment #4 shows the location of the pads and the "oops" road.

Attachment 12 is the Special Use permit for the access road. This permit requires a two foot trail be re-established. This was confirmed by Seth Wallace.

9. Protection of Fish, Wildlife and Related Environmental Issues

I walked the site from pads 5 down to pad 3 and removed a sack of thistle seed and hounds tongue and destroyed thistle rosettes.

10. Slides and Other Damage

A slope failure occurred on SITLA land, just below pad 6 this spring. The slide crossed the oops road and the access road below. A three man crew carried in 18 excelsior logs (approximately 1/3 mile down a steep slope) and installed three rows of 6 logs above the head of the slide. The logs were trenched in and staked. The slide area is vegetated with wild rose and snowberry shrubs. The toe of the slide is adjacent to a running seep that emanates up slope, east of the slide. The slide appears to be greater than 200 ft. in length. In the center of the slide there is a wedge of soil approximately 4 ft. deep and 20 ft. wide and 25 ft. long that will continue to move downward.

12. Backfilling And Grading

SCAMP has a Komatsu PC 300 LC trackhoe with a 2 yd bucket, a CAT D6N XL dozer with 2 ft. ripper shanks, and a sheeps foot roller on site.

Straw bales (500 lbs) were placed every 100 ft. or alternatively 9, 50 lb bales were placed every 15 feet along the USFS access road and for the first 0.5 miles of the SITLA road. Bales did not extend all the way to the far north end of the SITLA access road. The crew later hauled more bales in for the full length of the SITLA road.

Aproximately 400 ft of SITLA road at the north end has been pocked with a track Komatsu PC 300 LC (approximately 2 yd bucket). Work around the bend to the south requires pulling up the outslope of the road, but the reclamation appeared to be extending beyond the outslope to undisturbed area. Mr. Shaver of UEI was unavailable, so this was brought to Shane Campbell's attention.

A discussion the Seth Wallace concerning the location of the trail took place. Questions as to where the reclaimed trail should meet up with the existing trail remain. Mr. Wallace requested removal of the red gate and placement of boulders to prevent access. A question remained as to whether the parking area in front of the red gate should be ripped and seeded.

13. Revegetation

Emerging blades of grass testify to the recent seeding of the slide area, however the grass was only in one location and otherwise there was little evidence of seeding. Since equipment access is impossible, excess seed should be applied to the slide area to try and stabilize it. The final seed mix is listed in Attachment 7. It includes Triticale, which may help to stabilize this slide.

16.b Roads: Drainage Controls

Excelsior logs are being removed as reclamation progresses. Excelsior matting is being scattered over pocked ground. Netting is being removed.

SCAMP crew was unaware of existing French drains. Plans are to install new French drains in the same location(s).

Seth requested the dips and excelsior logs in the existing roadway be replaced in the foot path.